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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
GLENN et al.

Appln. No.: 09/257,188

Filed: February 25, 1999



Group Art Unit: 1614

Examiner: not assigned

FOR: USE OF PENETRATION ENHANCERS AND BARRIER DISRUPTION..

July 21, 1999

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents  
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Washington, D.C. 20231

Sir:

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Attached is Form PTO-1449 listing the enclosed documents . JUL 22 1998

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This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Should a first action on the merits have been issued on the same day or before this IDS is filed, please accept this IDS under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 03-3975 under Order No. (81255/244954) and proceed to consider this IDS.

GLENN et al - Application No. 09/257,188

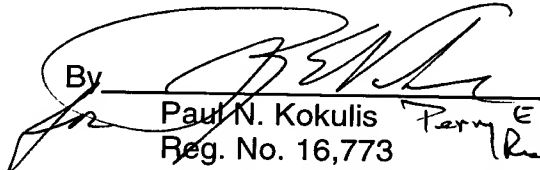
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Applicants respectfully request the Examiner to consider each of the documents supplied herewith. It is furthermore respectfully requested that the Examiner confirm the careful and independent consideration in the next official communication by return of an initialed and dated PTO-1449 form in accordance with the provisions of MPEP 609.

Respectfully submitted,

PILLSBURY MADISON & SUTRO LLP

By

  
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Applicant: GLENN et al.

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Appln. No.: 09/257,188

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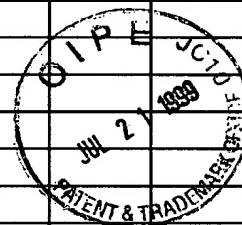
Page 1 of 11

Examiner: M. Tung

Group Art Unit: 1644

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	4,196,191	ALMEIDA			
	BR	4,921,757	WHEATLEY			
	CR	5,008,050	CULLIS			
	DR	5,059,421	LOUGHREY			
	ER	5,169,637	LENK			
	FR	5,200,393	WEINER			
	GR	5,256,422	ALBERT			
	HR	5,326,790	THORNFELDT			
	IR	5,332,576	MANTELLE			
	JR	5,340,588	DOMB			
	KR	5,352,449	BELTZ			
	LR	5,464,386	HOFMANN			
	MR					
	NR					



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							Enclosed	No	Enclose	No
	OR	47099/89	06/1990	AU	SCHAEFER					
	PR	92/03122	03/1992	WO	CEVC					
	QR									
	RR									
	SR									
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YR	ALVING, Vaccine, 4:166-172, 1986			
ZR	ALVING, Journal of Immunological Methods, 140:1-13, 1991			
AAR	ALVING, Immunobiology, 187:430-446, 1993			
BBR	ALVING, Annals of the New York Academy of Sciences, 690:265-275, 1993			
CCR	ALVING, AIDS Research and Human Retroviruses, 10:S91-S94, 1994			
DDR	ALVING, Immunological Reviews, 145:5-31, 1995			

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)  
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	AR	4,455,142	MARTINS			
	BR	4,484,923	AMKRAUT			
	CR	4,876,278	TAYLOR			
	DR	4,877,612	BERGER			
	ER	4,929,442	POWELL			
	FR	5,260,066	WOOD			
	GR	5,601,827	COLLIER			
	HR	5,607,691	HALE			
	IR	5,686,100	WILLE et al.			
	JR	5,733,572	UNGER et al.			
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YR	EGBARIA, <i>Advanced Drug Delivery Reviews</i> , 5:287-300, 1990			
ZR	FLEISHER, <i>Life Sciences</i> , 57:1293-1297, 1995			
AAR	GLENN, <i>Immunology Letters</i> , 47:73-78, 1995			
BBR	GUPTA, <i>Vaccine</i> , 13:1263-1276, 1995			
CCR	de HAAN, <i>Vaccine</i> , 13:1320-1324, 1995			
DDR	KORTING, <i>Journal of the American Academy of Dermatology</i> , 25:1068-1071, 1991			

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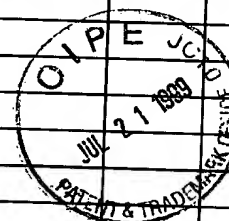
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	AR 4,692,462	09/1987	Banerjee			
	BR 4,725,271	02/1988	Korol			
	CR 4,732,892	03/1988	Sarpotdar et al.			
	DR 4,743,588	05/1988	Mirejovsky et al.			
	ER 4,764,381	08/1988	Bodor et al.			
	FR 4,783,450	11/1988	Fawzi et al.			
	GR 4,892,737	01/1990	Bodor et al.			
	HR 4,908,389	03/1990	Mahjour et al.			
	IR 4,917,688	04/1990	Nelson et al.			
	JR 4,917,895	04/1990	Lee et al.			
	KR 4,946,853	08/1990	Bannon et al.			
	LR 5,028,435	07/1991	Katz et al.			
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YR	KORTING, <i>British Journal of Dermatology</i> , 132:571-579, 1995			
ZR	MENGIARDI, <i>Vaccine</i> , 13:1306-1315, 1995			
AAR	MEZEI, <i>Life Sciences</i> , 26:1473-1477, 1980			
BBR	MOGHIMI, <i>Journal of Microencapsulation</i> , 10:155-162, 1993			
CCR	NORIMATSU, <i>Vaccine</i> , 13:1325-1329, 1995			
DDR	PAUL, <i>Vaccine Research</i> , 4:145-164, 1995			

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	AR 4,956,171	09/1990	Chang			
	BR 4,960,771	10/1990	Rajadhyaksha			
	CR 4,970,206	11/1990	Alexander et al.			
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	ER 5,023,252	06/1991	Hseih			
	FR 5,030,629	07/1991	Rajadhyaksha			
	GR 5,032,402	07/1991	Digenis et al.			
	HR 5,041,439	08/1991	Kasting et al.			
	IR 5,045,317	09/1991	Chess et al.			
	JR 5,049,387	09/1991	Amkraut			
	KR 5,059,189	10/1991	Cilento et al.			
	LR 5,069,904	12/1991	Masterson			
	MR 5,082,866	01/1992	Wong et al.			
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YR	PAUL, <i>European Journal of Immunology</i> , 25:3521-3524, 1995
ZR	POWERS, <i>Vaccine</i> , 13:1330-1335, 1995
AAR	RANADE, <i>Journal of Clinical Pharmacology</i> , 31:401-418, 1991
BBR	RAO, <i>Infection and Immunity</i> , 63:2396-2402, 1995
CCR	SAUZET, <i>Vaccine</i> , 13:1339-1345, 1995
DDR	SCHÄFER-KORTING, <i>Journal of the American Academy of Dermatology</i> , 21:1271-1275, 1989

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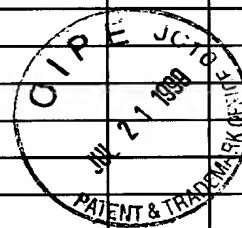
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Examiner: M. Tung

Group Art Unit: 1644

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 5,162,315	11/1992	Rajadhyaksha et al.			
	BR 5,164,406	11/1992	Helman et al.			
	CR 5,196,410	03/1993	Francoeur et al.			
	DR 5,204,339	04/1993	Minaskanian et al.			
	ER 5,215,520	06/1993	Shroot et al.			
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	GR 5,234,959	08/1993	Minaskanian et al.			
	HR 5,252,334	10/1993	Chiang et al.			
	IR 5,270,346	12/1993	Minaskanian et al.			
	JR 5,326,566	07/1994	Parab			
	KR 5,332,577	07/1994	Gertner et al.			
	LR 5,445,611	08/1995	Eppstein et al.			
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YR	VERMA, <i>Biochimica et Biophysica Acta</i> , 1066:229-238, 1991				
ZR	VERMA, <i>Infection and Immunity</i> , 60:2438-2444, 1992				
AAR	VUTLA, <i>Journal of Pharmaceutical Sciences</i> , 85:5-8, 1996				
BBR	WANG, <i>The Journal of Immunology</i> , 156:4079-4082, 1996				
CCR	WANG, <i>The Journal of Immunology</i> , 154:2784-2793, 1995				
DDR	WASSEF, <i>Immunomethods</i> , 4:217-222, 1994				

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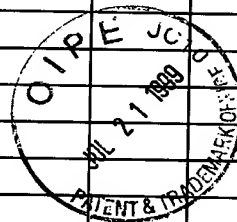
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	CR 5,492,698	02/1996	Von Kleinsorgen			
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	JR 5,573,778	11/1996	Therriault et al.			
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ZR	WHITE, <i>Vaccine</i> , 11:1341-1346, 1993
AAR	WHITE, <i>Vaccine</i> , 13:1111-1122, 1995
BBR	YASUTOMI, <i>Journal of Virology</i> , 69:2279-2284, 1995
CCR	ZELLMER, <i>Biochimica et Biophysica Acta</i> , 1237:176-182, 1995
DDR	ALVING, In: <i>Liposome Technology</i> , 2nd Ed. (Gregoriadis, ed.), CRC Press, pp. 317-343, 1993

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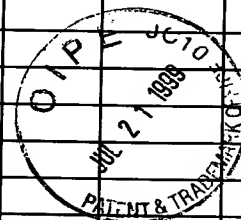
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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 5,658,587	08/1997	Santus et al.			
	BR 5,661,130	08/1997	Meezan et al.			
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	DR 5,720,948	02/1998	Brucks et al.			
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	HR 5,736,154	04/1998	Fuisz			
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	LR 5,760,096	06/1998	Thornfeldt et al.			
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WR	SMALL, In: Handbook of Lipid Research, Plenum, 4:43-87				
XR	SMALL, In: Handbook of Lipid Research, Plenum, 4:89-96				
YR	CRAIG, John P., et al., "Cutaneous Responses to Cholera Skin Toxin in Man. I. Responses in Unimmunized American Males", The Journal of Infectious Diseases, 1972, Vol. 125, No. 3, pp 203-215				
ZR	Marinero, M., et al., Mucosal effect of cholera toxin in mice results from induction of T helper 2 (Th2) cells and IL-4 J. Immunol. 155: 4621-4629				
AAR	Kosecka, V., et al., Pertussis toxin stimulates hypersensitivity and enhances nerve-mediated antigen uptake in rat intestines, Am. J. Physiology, 267: G745-G752				

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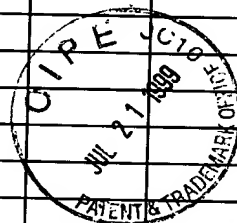
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AAR	BOWEN, <i>Immunology</i> , 81:338-342, 1994			
BBR	CHIN, <i>Veterinary Microbiology</i> , 43:21-32, 1995			
CCR	CHIN, <i>Journal of Biotechnology</i> , 44:13-19, 1996			
DDR	CONDON, <i>Nature Medicine</i> , 2:1122-1128, 1996			

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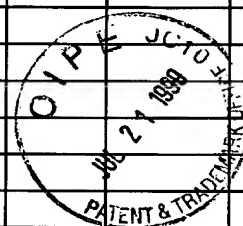
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YR	ENK, <i>The Journal of Immunology</i> , 151:2390-2398, 1993			
ZR	GOODNOW, <i>Immunological Reviews</i> , 156:5-10, 1997			
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BBR	MAHMOUD, <i>Science</i> , 246:1015-1022, 1989			
CCR	PETERS, <i>Immunology Today</i> , 17:273-278, 1996			
DDR	SCHWARZENBERGER, <i>Journal of Investigative Dermatology</i> , 106:553-558, 1996			

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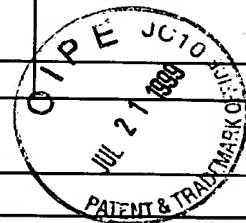
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YR	STACEY, <i>The Journal of Immunology</i> , 157:2116-2122, 1996			
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DDR	Lane et al., <i>In Vitro-evaluation of human lymphocyte function</i> , In: <i>Cellular Immunology</i> , DM Weir, ed, Blackwell Scientific Pub. Boston, MA, pp 66.5-66.7			

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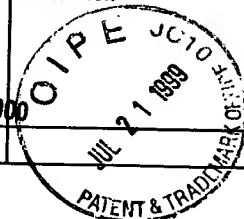
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